

Elena Eb Binda

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6582726/publications.pdf>

Version: 2024-02-01

35
papers

4,998
citations

293460

24
h-index

445137

33
g-index

35
all docs

35
docs citations

35
times ranked

8003
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Isolation and Characterization of Tumorigenic, Stem-like Neural Precursors from Human Glioblastoma. <i>Cancer Research</i> , 2004, 64, 7011-7021. | 0.4 | 2,318 |
| 2 | Bone morphogenetic proteins inhibit the tumorigenic potential of human brain tumour-initiating cells. <i>Nature</i> , 2006, 444, 761-765. | 13.7 | 1,102 |
| 3 | The EphA2 Receptor Drives Self-Renewal and Tumorigenicity in Stem-like Tumor-Propagating Cells from Human Glioblastomas. <i>Cancer Cell</i> , 2012, 22, 765-780. | 7.7 | 179 |
| 4 | Mild Hypoxia Enhances Proliferation and Multipotency of Human Neural Stem Cells. <i>PLoS ONE</i> , 2010, 5, e8575. | 1.1 | 175 |
| 5 | Human neural stem cell transplantation in ALS: initial results from a phase I trial. <i>Journal of Translational Medicine</i> , 2015, 13, 17. | 1.8 | 151 |
| 6 | Shiga toxin-2 triggers endothelial leukocyte adhesion and transmigration via NF- κ B dependent up-regulation of IL-8 and MCP-11. <i>Kidney International</i> , 2002, 62, 846-856. | 2.6 | 105 |
| 7 | Verotoxin-1-induced up-regulation of adhesive molecules renders microvascular endothelial cells thrombogenic at high shear stress. <i>Blood</i> , 2001, 98, 1828-1835. | 0.6 | 92 |
| 8 | Wnt5a Drives an Invasive Phenotype in Human Glioblastoma Stem-like Cells. <i>Cancer Research</i> , 2017, 77, 996-1007. | 0.4 | 75 |
| 9 | Results from Phase I Clinical Trial with Intraspinal Injection of Neural Stem Cells in Amyotrophic Lateral Sclerosis: A Long-Term Outcome. <i>Stem Cells Translational Medicine</i> , 2019, 8, 887-897. | 1.6 | 71 |
| 10 | Effect of acetate-free biofiltration and bicarbonate hemodialysis on neutrophil activation. <i>American Journal of Kidney Diseases</i> , 2002, 40, 783-793. | 2.1 | 66 |
| 11 | Vascular Smooth Muscle Cells on Hyaluronic Acid: Culture and Mechanical Characterization of an Engineered Vascular Construct. <i>Tissue Engineering</i> , 2004, 10, 699-710. | 4.9 | 59 |
| 12 | Investigation of Nasal/Oropharyngeal Microbial Community of COVID-19 Patients by 16S rDNA Sequencing. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2174. | 1.2 | 59 |
| 13 | Brain cancer stem cells. <i>Journal of Molecular Medicine</i> , 2009, 87, 1087-1095. | 1.7 | 58 |
| 14 | Concise Review: Self-Renewal in the Central Nervous System: Neural Stem Cells from Embryo to Adult. <i>Stem Cells Translational Medicine</i> , 2012, 1, 298-308. | 1.6 | 44 |
| 15 | Gut Microbiota Profiles Differ among Individuals Depending on Their Region of Origin: An Italian Pilot Study. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4065. | 1.2 | 41 |
| 16 | Isolation of Neural Stem Cells from Neural Tissues Using the Neurosphere Technique. <i>Current Protocols in Stem Cell Biology</i> , 2010, 15, Unit2D.6. | 3.0 | 38 |
| 17 | Establishment of stable iPS-derived human neural stem cell lines suitable for cell therapies. <i>Cell Death and Disease</i> , 2018, 9, 937. | 2.7 | 36 |
| 18 | Levetiracetam enhances the temozolomide effect on glioblastoma stem cell proliferation and apoptosis. <i>Cancer Cell International</i> , 2018, 18, 136. | 1.8 | 34 |

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | The GluR2 subunit inhibits proliferation by inactivating Srcâ€MAPK signalling and induces apoptosis by means of caspase 3/6â€dependent activation in glioma cells. <i>European Journal of Neuroscience</i> , 2009, 30, 25-34. | 1.2 | 32 |
| 20 | Transplantation of clinical-grade human neural stem cells reduces neuroinflammation, prolongs survival and delays disease progression in the SOD1 rats. <i>Cell Death and Disease</i> , 2019, 10, 345. | 2.7 | 28 |
| 21 | Murine neural stem cells model Hunter disease in vitro: glial cell-mediated neurodegeneration as a possible mechanism involved. <i>Cell Death and Disease</i> , 2013, 4, e906-e906. | 2.7 | 27 |
| 22 | Progenitor/Stem Cell Markers in Brain Adjacent to Glioblastoma: GD3 Ganglioside and NG2 Proteoglycan Expression. <i>Journal of Neuropathology and Experimental Neurology</i> , 2016, 75, 134-147. | 0.9 | 27 |
| 23 | Vaccinia virus expressing bone morphogenetic protein-4 in novel glioblastoma orthotopic models facilitates enhanced tumor regression and long-term survival. <i>Journal of Translational Medicine</i> , 2013, 11, 155. | 1.8 | 26 |
| 24 | Cancer stem cells from peritumoral tissue of glioblastoma multiforme: the possible missing link between tumor development and progression. <i>Oncotarget</i> , 2018, 9, 28116-28130. | 0.8 | 26 |
| 25 | Ependymoma stem cells are highly sensitive to temozolomide in vitro and in orthotopic models. <i>Neuro-Oncology</i> , 2014, 16, 1067-1077. | 0.6 | 23 |
| 26 | Nitric Oxide Synthetic Capacity in Relation to Dialysate Temperature. <i>Blood Purification</i> , 2004, 22, 203-209. | 0.9 | 22 |
| 27 | Heterogeneity of cancer-initiating cells within glioblastoma. <i>Frontiers in Bioscience - Scholar</i> , 2012, S4, 1235-1248. | 0.8 | 19 |
| 28 | Glioma stem cells: turpis omen in nomen? (the evil in the name?). <i>Journal of Internal Medicine</i> , 2014, 276, 25-40. | 2.7 | 19 |
| 29 | BRAFV600E mutation impinges on gut microbial markers defining novel biomarkers for serrated colorectal cancer effective therapies. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 285. | 3.5 | 14 |
| 30 | High Levels of Prebiotic Resistant Starch in Diet Modulate a Specific Pattern of miRNAs Expression Profile Associated to a Better Overall Survival in Pancreatic Cancer. <i>Biomolecules</i> , 2021, 11, 26. | 1.8 | 12 |
| 31 | Stemness underpinning all steps of human colorectal cancer defines the core of effective therapeutic strategies. <i>EBioMedicine</i> , 2019, 44, 346-360. | 2.7 | 11 |
| 32 | A proposal for the reference intervals of the Italian microbiota â€œscaffoldâ€ in healthy adults. <i>Scientific Reports</i> , 2022, 12, 3952. | 1.6 | 5 |
| 33 | Growth factor independence underpins a paroxysmal, aggressive Wnt5aHigh/EphA2Low phenotype in glioblastoma stem cells, conducive to experimental combinatorial therapy. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 139. | 3.5 | 4 |
| 34 | 57. Targeted Gene Delivery of Alpha-Interferon by Genetically Modified Hematopoietic Cells Inhibits Glioma Vascularization and Growth without Systemic Toxicity. <i>Molecular Therapy</i> , 2006, 13, S24. | 3.7 | 0 |
| 35 | Drug Delivery in an Orthotopic Tumor Stem Cell-Based Model of Human Glioblastoma. <i>Methods in Molecular Biology</i> , 2019, 1869, 197-205. | 0.4 | 0 |